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PA - (TAIF) TAIYO FISHERY CO LTD

PN - JP2956975B2 B2 19991004 DW199946 A23L1/33 005pp

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XIC - A23L-001/00 ; A23L-001/30 ; A23L-001/33 ; A61K-035/56 ; A61K-037/64 ;
A61K-038/55AB - J03123469 The method involves fermenting Euphausia superba with lactic
acid bacteria for 1-10 days keeping the pH in the range 5-6.- Lactobacillus bilgaricus, L. acidophilus and Streptococcus
thermophilus can be used. The fermentation is at 20-40 deg.C for 1-10
days, pref. 2-5 days.- USE/ADVANTAGE - Angiotensin converting enzyme converts angiotensin I
to angiotensin II which increases blood vessel constricting activity
and thus increases blood pressure. The substance showing the
inhibiting activity for ACE is present in E. superba, etc. By
fermenting E. superba with lactic acid bacteria, not only its
inhibiting activity for ACE can be intensified, but also obtained
liquefied product is easily taken. It is desirable to pre-treat E.
superba with protease for increasing intensifying inhibiting activity.
(6pp Dwg.No.0/0)IW - INTENSIFY ANGIOTENSIN CONVERT ENZYME INHIBIT ACTIVE EUPHAUSIA
FERMENTATION LACTIC ACID BACTERIAIKW - INTENSIFY ANGIOTENSIN CONVERT ENZYME INHIBIT ACTIVE EUPHAUSIA
FERMENTATION LACTIC ACID BACTERIA

NC - 001

OPD - 1989-10-05

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TI - Intensifying angiotensin converting enzyme-inhibiting activity - in
euphausia superb by fermenting with lactic acid bacteriaEuph. sup: *Chironomus tentans* used.